

ABSTRACT

[0021] Primary and secondary Li-ion and lithium-metal based electrochemical cell systems. Suppression of gas generation is achieved in the cell through the addition of an additive or additives to the electrolyte system of the respective cell, or to the cell whether it be a liquid, a solid- or plastized polymer electrolyte system. The gas suppression additives are preferably based on unsaturated hydrocarbons.